

17691 U.S. PTO
06/24/03

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MCA-640
First Inventor Phil Clark
Title MULTIFUNCTIONAL VACUUM MANIFOLD
Express Mail Label No. EU227744189US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
P.O. Box 1450
Mail Stop: Patent Application
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R & D
-Reference to sequence listing, a table,
or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
5. Oath or Declaration [Total Sheets]
a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [Power of Attorney]
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: /

Prior application information: Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number

Name Kevin S. Lemack
Nields & Lemack
Address 176 E. Main Street - Suite 7
City Westboro State MA Zip Code 01581
Country US Telephone 508-898-1818 Fax 508-898-2020

Name (Print/type) Kevin S. Lemack Registration No. 32,579
(Attorney/Agent)
Signature [Signature] Date June 24, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

17898 U.S. PTO
10/602426
06/24/03

17691 U.S. PTO
06/24/03

PTO/SB/17 (01-03)
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 786.00

Complete if Known

Application Number
Filing Date
First Named Inventor Phil Clark
Examiner Name
Art Unit
Attorney Docket No. MCA-640

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 14-0930

Deposit Account Name Nields & Lemack

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 750.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
22	-20** = 2	18	36
Independent Claims	3	-3** = 0	0
Multiple Dependent		280	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 36.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	1053 130	1812 2,520	1812 2,520	Surcharge - late provisional filing fee or cover sheet	
1812 2,520	1812 2,520	1804 920*	1804 920*	Non-English specification	
1804 920*	1804 920*	1805 1,840*	1805 1,840*	For filing a request for ex parte reexamination	
1805 1,840*	1805 1,840*	1251 110	2251 55	Requesting publication of SIR prior to Examiner action	
1251 110	2251 55	1252 410	2252 205	Requesting publication of SIR after Examiner action	
1252 410	2252 205	1253 930	2253 465	Extension for reply within first month	
1253 930	2253 465	1254 1,450	2254 725	Extension for reply within second month	
1254 1,450	2254 725	1255 1,970	2255 985	Extension for reply within third month	
1255 1,970	2255 985	1401 320	2401 160	Extension for reply within fourth month	
1401 320	2401 160	1402 320	2402 160	Extension for reply within fifth month	
1402 320	2402 160	1403 280	2403 140	Notice of Appeal	
1403 280	2403 140	1451 1,510	1451 1,510	Filing a brief in support of an appeal	
1451 1,510	1451 1,510	1452 110	2452 55	Request for oral hearing	
1452 110	2452 55	1453 1,300	2453 650	Petition to institute a public use proceeding	
1453 1,300	2453 650	1501 1,300	2501 650	Petition to revive - unavoidable	
1501 1,300	2501 650	1502 470	2502 235	Petition to revive - unintentional	
1502 470	2502 235	1503 630	2503 315	Utility issue fee (or reissue)	
1503 630	2503 315	1460 130	1460 130	Design issue fee	
1460 130	1460 130	1807 50	1807 50	Plant issue fee	
1807 50	1807 50	1806 180	1806 180	Petitions to the Commissioner	
1806 180	1806 180	8021 40	8021 40	Processing fee under 37 CFR 1.17(q)	
8021 40	8021 40	1809 750	2809 375	Submission of Information Disclosure Stmt	
1809 750	2809 375	1810 750	2810 375	Recording each patent assignment per property (times number of properties)	
1810 750	2810 375	1801 750	2801 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1801 750	2801 375	1802 900	1802 900	For each additional invention to be examined (37 CFR 1.129(b))	
1802 900	1802 900			Request for Continued Examination (RCE)	
				Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Kevin S. Lemack Registration No. 32,579 Telephone 508-898-1818
Signature Date June 24, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

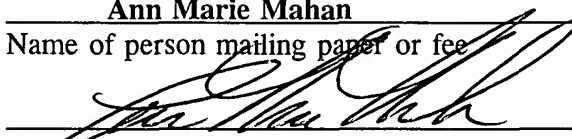
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Phil Clark et al.
Serial No. : Not yet assigned
Filed : Herewith By Express Mail
For : MULTIFUNCTIONAL VACUUM MANIFOLD
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : MCA-640
Type of paper : Utility Patent Application Transmittal Form

"EXPRESS MAIL" MAILING LABEL NO. EU227744189US
DATE OF DEPOSIT: June 24, 2003

I hereby certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Mail Stop: Patent Application, Alexandria, VA 22313-1450.

Ann Marie Mahan
Name of person mailing paper or fee

Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

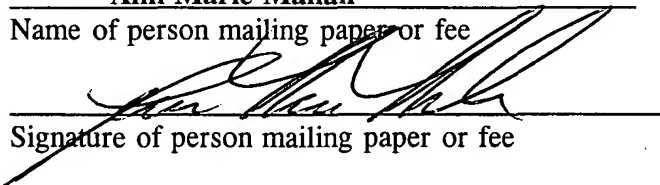
Applicants : Phil Clark et al.
Serial No. : Not yet assigned
Filed : Herewith By Express Mail
For : MULTIFUNCTIONAL VACUUM MANIFOLD
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : MCA-640
Type of paper : Letter

"EXPRESS MAIL" MAILING LABEL NO. **EU227744189US**
DATE OF DEPOSIT: **June 24, 2003**

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Ann Marie Mahan

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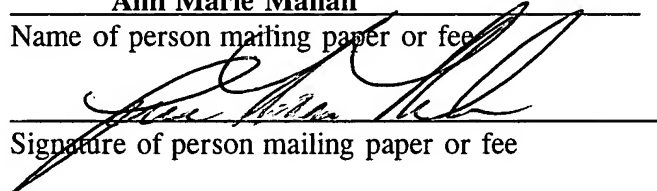
Applicants : Phil Clark et al.
Serial No. : Not yet assigned
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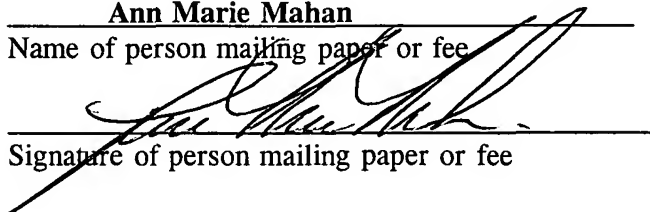
Applicants : Phil Clark et al.
Serial No. : Not yet assigned
Filed : Herewith By Express Mail
For : MULTIFUNCTIONAL VACUUM MANIFOLD
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : MCA-640
Type of paper : Fee Transmittal Form, together with a check

"EXPRESS MAIL" MAILING LABEL NO. **EU227744189US**
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Ann Marie Mahan

Name of person mailing paper or fee


Signature of person mailing paper or fee

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Phil Clark, Kurt Greenizen and Jay Doyle**

For: **MULTIFUNCTIONAL VACUUM MANIFOLD**

Commissioner for Patents
P.O. Box 1450
Mail Stop: Patent Application
Alexandria, VA 22313-1450

Sir:

LETTER


The above-identified applicants enclose for filing a patent application entitled "MULTIFUNCTIONAL VACUUM MANIFOLD". Said attached patent application includes (1) Patent Application Transmittal Letter (1-Page); (2) Patent Application: 21-Page Specification (including 4-pages of claims (22) and 1-Page Abstract) and 11-sheets of A4 size formal drawings; and (3) Fee Transmittal Form (1-Page), together with a check in the amount of \$786.00 in payment of the filing fee.

The executed Declaration and Power of Attorney, with surcharge will be submitted in due course.

All correspondence concerning this application should be mailed to:

**Kevin S. Lemack
Nields & Lemack
176 E. Main Street - Suite 7
Westboro, Massachusetts 01581**

Respectfully submitted,


Kevin S. Lemack
Attorney for Applicant
Registration No. 32,579

Date: June 24, 2003

EXPRESS MAIL NO: EU227744189US